AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A method of operating a base station subsystem, the method comprising:

processing a call initiation request for a call from a mobile station; ~~and~~

contemporaneously, allocating resources within the base station subsystem needed to grant network access to ~~a Mobile Station~~ the mobile station

identifying the call as a packet data call for specific packet-based applications;

generating a combined setup request message and sending the combined setup request message to a processor within the base station subsystem, the combined setup request message operable for initiating call setup and radio link setup; and

in response to receiving the combined setup request message,

allocating radio link related resources to establish a radio link between the mobile station and the base station subsystem for the call, and

transmitting a message to a packet control function operable for allocating packet data resources to establish a packet data session for the call.

2. (Currently Amended) A method of operating a base station subsystem, as set forth in claim 1, wherein the call initiation request is at least a one of an origination request, a page response message or a reconnect message.

3. (Currently Amended) A method of operating a base station subsystem, as set forth in claim 1, wherein the ~~call initiation request is a page response message~~ specific packet-based applications is a one of a voice-over-IP (VoIP) application or a push-to-talk (PTT) application.

4. (Currently Amended) A method of operating a base station subsystem, as set forth in claim 1, wherein the ~~call initiation request is a reconnect message~~ specific packet-based applications is a one of a push-to-media application or and instant messaging application.

5. (Original) A method of operating a base station subsystem, as set forth in claim 1, wherein the resources are hardware resources.

6. (Original) A method of operating a base station subsystem, as set forth in claim 1, wherein the resources are software resources.

7. (Currently Amended) A method of operating a base station subsystem, as set forth in claim 1, wherein ~~the method~~ processing the call initiation request and contemporaneously allocating resources within the base station subsystem is performed in a routing agent.

8. (Original) A method of operating a base station subsystem, as set forth in claim 1, wherein the resources further comprise resource manager resources.

9. (Original) A method of operating a base station subsystem, as set forth in claim 1, wherein the resources include call processing resources.

10. (Previously Presented) A method of operating a base station subsystem, as set forth in claim 1, wherein contemporaneously, allocating resources is performed during user authentication.

11. (Currently Amended) A method of operating a base station subsystem, as set forth in claim 1, wherein the ~~step of processing the call initiation request is performed at a Base Station Transceiver~~ the specific packet-based applications are delay-sensitive applications.

12. - 16. (Canceled)

17. (Currently Amended) A method of operating a base station subsystem, the method comprising:

receiving a call initiation request for a call from a mobile station;

identifying the call as a packet data call for specific packet-based applications; and

in response to receiving a combined setup request message operable for initiating call setup and radio link setup,

allocating radio frequency resources for the call, and

contemporaneously, allocating packet session resources for the call.

18. (Previously Presented) A method of operating a base station subsystem, as set forth in claim 17, wherein a routing agent initiates the allocating radio frequency resources.

19. (Previously Presented) A method of operating a base station subsystem, as set forth in claim 17, wherein a call processing agent initiates the allocating packet resources.

20. (Currently Amended) A method of operating a wireless network, the method comprising:

receiving a call initiation request for a call from a mobile station;

identifying the call as a packet data call for specific packet-based applications; and

in response to receiving a combined setup request message operable for initiating call setup and radio link setup,

~~establishing an A10 interface;~~

allocating Packet Control Function (PCF) resources for a packet data, ~~session in response to establishing the A10 interface; and~~

establishing an A10 interface between a PCF and a Packet Data Service Node (PDSN),

contemporaneously connecting the PCF resources for the packet data session in response to allocating the PCF resources.

21. (Previously Presented) A method of operating a wireless network, as set forth in claim 20, wherein a PCF performs the allocating PCF resources.

22. (Currently Amended) A method of operating a wireless network as set forth in claim 20, wherein the ~~A10 interface is established between a PCF and a Packet Data Service Node (PDSN)~~ specific packet-based applications is a one of a voice-over-IP (VoIP) application or a push-to-talk (PTT) application.

23. (Currently Amended) A method of operating a wireless network, the method comprising:

receiving a call initiation request for a call from a mobile station;

identifying the call as a packet data call for specific packet-based applications; and

in response to receiving a combined setup request message operable for initiating call setup and radio link setup,

~~establishing an A10 interface;~~

~~contemporaneously~~ allocating and connecting Packet Control Function (PCF) resources for a packet data session[[;]],

establishing an A10 interface between a PCF and a Packet Data Service Node (PDSN),

performing a channel assignment process[[; and]] , and

initiating a service connection request in response to establishing the A10 interface and in response to performing the channel assignment process.

24. (Currently Amended) A method of operating a wireless network, as set forth in claim 23, wherein the ~~A10 interface is established between a Packet Control Function and a Packet Data Service Node~~ specific packet-based applications is a one of a voice-over-IP (VoIP) application or a push-to-talk (PTT) application.

25. (Currently Amended) A method of operating a wireless network, as set forth in claim 23, wherein the channel assignment process is performed between a call processor and [[a]] the Mobile Station.

26. (Original) A method of operating a wireless network, as set forth in claim 23, wherein the service connection request is generated by a routing agent.